

Laser Holder for Light Weight Steel Framing



76923

Item Code	Description	Body Size (mm)	Weight (g)	JAN Code	Packing Unit	Packaging
76923	with Rising/Lowering Motion	125×180×170	920	4 960910 769236	1	B

Features

- Improves workability with fine-adjustment of 40 mm up and down
- Using together with Level Adjustment Tripod Adapter makes it easy to adjust level when using Laser Holder for Lightweight Steel Framing

Use

- For base material leveling and adjusting height with laser line generator in lightweight steel framing

Specifications

Material	Body: Aluminum Fixing Screw for Laser Holder: Brass Fixing Screw for Holder: Iron Top Plate/Bottom Plate/Moveable Knob : Polyacetal resin
Attachable Post Width	40 - 120 mm
Installation Screw	5/8 inch
Compatible Models	X line Series Green Neo BRIGHT Series Green Neo E Sensor Series Neo BRIGHT Series Neo E Sensor Series Fine BRIGHT Series

Laser Range Finder



78174



78190



Class 2 laser product
 Maximum Output: 1 mW
 Wavelength: 620 - 690 nm
 IEC: 60825-1: 2014
 JIS: C5802: 2014

Warning

- Do not stare into beam
- Do not point laser light at others
- Keep away from children

Accessories

- Soft case (78174)
- Strap (78174/78190)
- 2x AAA Alkaline batteries (78174/78190)

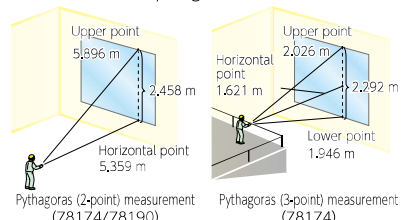
Item Code	Description	Body Size (mm)	Weight (g)	JAN Code	Packing Unit	Packaging
78174	L-Measure40 II Metric/Shaku	122×46×26	140	4 960910 781740	1	B
78190	L-Measure30 Metric/Shaku	112×38×24	94	4 960910 781900	4	SP



The picture shown is a concept image. A laser dot is actually projected.

Features

- Convenient shaku display function for measuring in carpentry such as finding length of studs, length of braces, and length of baseboards and crown molding
- Can measure the area and volume of a room
- Can measure height from a distant location with Pythagoras measurement



- Packaged in a size that catches the eyes of a wide range of users when displayed on a tape measure display rack (78190)
- Automatically records measured values (78174)
- Can add or subtract measured values (78174)
- Comes with equal interval notification function that uses a sound to notify each preset distance (78174)
- Comes with timer mode to measure at a set time like a camera's self-timer. Handy when measuring lengths of desks, etc. by oneself. (78174)

Use

- For measuring distance on construction sites and renovation sites

Specifications

	78174	78190
Material	Body: ABS resin, elastomer resin	Body: ABS resin
Measuring Range	0.1 - 40 m	0.1 - 30 m
Accuracy	±2.0 mm*1	±3.0 mm*2
Output	Less than 1 mW (JIS class 2 C6802: 2014)	
Wavelength	620 - 690 nm	
Operating Temperature	0 - 40°C	
Storage Temperature	-20 - 70°C	-10 - 50°C
Dustproof, Waterproof	IP40*3	
Continuous Use Count	5,000 times or more when using new alkaline batteries*4	
Power Source	2x AAA Alkaline batteries (Batteries included are for trial use only and may not last as long)	
Auto Power Off	3 minutes*5	

- *1 0.1 - 10 m: ±2.0 mm
 More than 10 m: ±2.0/0.05x (D=10 mm (D=measurement distance Unit. m))
 Measurement conditions
 ① Illuminance of less than 3,000 Lux ② Reflectivity is 90% of white target
 ③ Measurement temperature 25°
- *2 0.1 - 10 m: ±3.0 mm
 More than 10 m: ±3.0/0.05x (D=10 mm (D=measurement distance Unit. m))
 Measurement conditions
 ① Illuminance of less than 3,000 Lux ② Reflectivity is 90% of white target
 ③ Measurement temperature 25°
- *3 Dustproof performance: particles larger than 1.0 mm will not penetrate the device
 Waterproof performance: No special protection
- *4 When the backlight is off (78174)
- *5 The laser light being irradiated will turn off after a certain period of time passes without operation.
 (78174: about 1 minute, 78190: about 30 seconds)
 A beep will also sound when the device auto powers off.

Rotating Laser

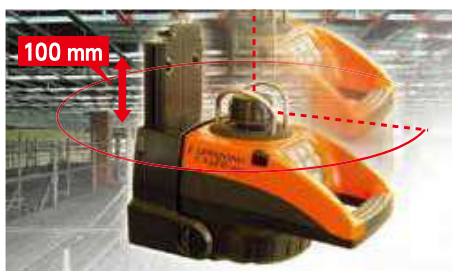
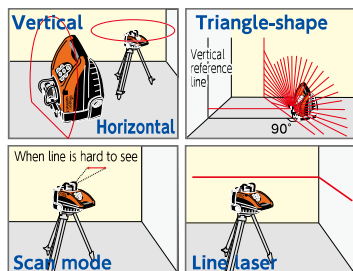
Dust/Waterproof
IP64

For
Laser
Receiver
(Accessory)

Do not stare into beam
Maximum Output: 1 mW Frequency: 5.5 KHz
Wavelength: 635~638 nm
Class 2 Laser Product JIS C6802: 2014



76496



● Equipped with wall mount system for remote control by hanging on a wall

Item Code	Description	Body Size (mm)	Weight (g)	JAN Code	Packing Unit	Packaging
76497	HV-2 with Tripod	178x182x253	-	4 960910 764972	1	B
76496	HV-2	178x182x253	2,260	4 960910 764965		

*Laser depicted is an illustration

Features

- Receiver unit: Dust/waterproof structure (IP66)
- Tilt mode that automatically stops when the unit is moved abruptly
- Manual mode allows incline of X-axis to Y-axis in the range of ±5.7°
- Can be used as a line laser

Use

- For all types of referencing

Specifications

Unit	76497	76496
Measuring Range (diameter)	300 m (150 m radius) with Laser Receiver	
Horizontal Accuracy	±10 mm/100 m	
Vertical Accuracy	±10 mm/100 m	
Auto Leveling Range	±5.7°	
Alarm for Out of Auto Leveling Range	Rotating head stops, laser light blinks.	
Rotating Speed	600 rpm/450 rpm/300 rpm 150 rpm/90 rpm/0	
Scanning Range	2°-36°	
Light Source	Visible-light diode laser (Class2) Output: less than 1 mW Wavelength: 635 nm	
Power Source	2x D batteries or charging type battery, AC adapter	
Continuous Usable Hours	60 hrs (2x D batteries) 40 hrs (charging type battery)	
Battery Usage Alarm	ON/OFF LED blinks	
Tripod Screw	5/8 inch	
Dustproof/Waterproof	IP64*	
Operating Temperature	-20 - 80°C	

- *6 Dustproof: Protected from total dust ingress
- 4 Waterproof: Protected from water spray from any direction

Laser Receiver

Receiving Distance	150 m
Volume Control	Switching in 3 stages, Silent, Low, High
Display	LCD (front and back)
Power Source	1x 9V Alkaline battery
Continuous Usable Hour	50 hours
Dust/Waterproof	IP66
Size	80 (H) x 150 (W) x 35 (L) mm
Weight	260 g (including battery)

- *6 Dustproof: Protected from total dust ingress
- 6 Waterproof: Protected from high pressure water jets from any direction

Accessories



Auto Level



Magnification **32x** Waterproof **IPX4** 77055

Magnification **28x** Waterproof **IPX4** 76901

Magnification **24x** Waterproof **IPX4** 76653



(77055)

(76901-76653)

Item Code	Description	Body Size (mm)	Weight (g)	JAN Code	Packing Unit	Packaging
77055	SA-32A with Tripod	209x130x142	1,308	4 960910 770553	1	B
76901	SA-28A with Tripod	208x130x135	1,247	4 960910 769014		
76653	SA-24A with Tripod	208x130x135	1,241	4 960910 766532		

Features

- Waterproof structure (IPX4)
- Comes with a domed-head tripod

Use

- For leveling in construction work

Specifications

	77055	76901	76653
Standard Deviat on (mm)	±1.0 mm	±1.5 mm	±2.0 mm
Telescope	Correct Image		
Magnification	32X	28X	24X
Effective Diameter	40 mm	30 mm	
Field Angle	1°30'	1°20'	
Shortest Focus Distance	0.5 m	0.6 m	
Stadia Multiplier	100		
Stadia Addend	0		
Sensitivity of Vial	8/2 mm		
Minimum Horizontal Measurement	1"		
Auto Leveling System	Magnet damper		
Auto Leveling Range	±15°		
Repeat Precision	0.3"	0.5"	
Tripod Screw	5/8 inch		
Bottom Plate Type	Plane/ spherical		
Waterproof	IPX4*		

- *IPX4 Waterproof: Protected from water spray from any direction

Accessories

- Plumb bob, Allen key wrench, Correction needle
- Domed-head tripod
- Special carrying case



Carpenter's Squares
 Stainless Steel Rules / Machine Scale
 Aluminum Rules
 Resin Folding Rules / Bamboo Rules
 Squares / Protractors
 Vernier Calipers / Micrometers
 Tape Measures
 Surveying Products
 Scales
 Levels
 Lasers / Optical Equipment
 Milling / Drilling / Punchholders
 Circular Saw Guides
 Construction Tools
 Industrial Tools
 Thermometers / Hygrometers / Humidity Measuring Instruments
 Outdoor Products
 Magnifying Glasses
 Drawing Tools
 Magnets

Tripod

- Carpenter's Squares
- Stainless Steel Rules / Machine Scale
- Aluminum Rules
- Resin Folding Rules / Bamboo Rules
- Squares / Protractors
- Vernier Calipers / Micrometers
- Tape Measures
- Surveying Products
- Scales
- Levels
- Lasers / Optical Equipment
- Inklines / Chalklines / Plumblines
- Circular Saw Guides
- Construction Tools
- Industrial Tools
- Thermometers / Hygrometers / Infrared Measuring Instruments
- Outdoor Products
- Magnifying Glasses
- Drawing Tools
- Magnets



Item Code	Description	Body Size (mm)	Weight (g)	JAN Code	Packing Unit	Package
76629	A with Handle	65x117x112	1,348	4 960910 766297	1	B
76827	B with Handle	210x75x75	270	4 960910 768277	1	B
76866	C with Handle	58x115x115	1,550	4 960910 768666	1	B
76676	1.5 m with Handle	93x185x185	5,100	4 960910 766761	1	B
76952	3 m with Handle	1,280x180x180	6,670	4 960910 769526	1	B
77304	Short Model	560x180x180	4,580	4 960910 773042	1	B
76690	Flat Head	1,025x180x180	3,695	4 960910 766907	1	B
76654	Spherical Head	1,040x180x180	3,815	4 960910 766549	1	B

Features

- 76629

 - Lightweight, with handle making it convenient for portability
 - Comes with special case
- 76827

 - Can irradiate the ground marking point of a laser line generator
 - Enables low-level marking
 - With vial
 - With storage case
- 76866

 - Features a strong design with nearly 1 mm-thick aluminum part, and a handle made of alloy, so it is resistant to breaking from impacts due to drops or falls
- 76952

 - 2 level elevating model for a height of up to 3 m
- 77304

 - Easy fine-adjustment with 77304 Short Model Adjust up to 30 mm diameter
 - Ground marking point can be exposed



*Cannot irradiate the ground marking point

- With hard tip that can be extended by turning the rubber cover
- With vial
- With storage case



Use

- Find the level in a variety of work sites

Specifications

	76629	76827	76866	76676
Material	Body: Aluminum, ABS resin			Body: Aluminum, iron
Elevator Ascent and Descent Width	300 mm	60 mm	320 mm	350 mm
Range of Use in Height	630 - 1,710 mm	180 - 400 mm	530 - 1,600 mm	710 - 1,500 mm
Ground Marking Point Exposure	×	○	×	×
Installation Screw	5/8 inch			

	76952	77304	76690	76654
Material	Body: Aluminum, iron			
Elevator Ascent and Descent Width	1,160 mm	285 mm	—	
Range of Use in Height	1,060 - 3,000 mm	535 - 920 mm	930 - 1,560 mm	
Ground Marking Point Exposure	×	○	×	×
Installation Screw	5/8 inch			

*Laser depicted is an illustration.